

| Launch Day | Probability of Violating Weather Constraints | | | | | | | |
|--|--|--|---------|-----------|-----------|-----------|--------------------------|------|
| | 20% | Primary Concerns: Cumulus Cloud Rule, Flight Through Precipitation | | | | | | |
| | Weather Conditions | | | | | | Additional Risk Criteria | |
| | Weather/Visibility: | Isold Showers / 7 mi. | Type | Coverage | Base (ft) | Tops (ft) | Upper-Level Wind Shear: | Low |
| | Temp/Humidity: | 66°F / 60% | Cumulus | Scattered | 3,000 | 8,000 | Ascent Corridor Weather: | High |
| | Liftoff Winds (200’): | 280° 10 - 15 mph | | | | | Solar Activity: | Low |
| 72-Hour Delay | Probability of Violating Weather Constraints | | | | | | | |
| | 20% | Primary Concerns: Cumulus Cloud Rule, Flight Through Precipitation | | | | | | |
| | Weather Conditions | | | | | | Additional Risk Criteria | |
| | Weather/Visibility: | Isold Showers / 7 mi. | Type | Coverage | Base (ft) | Tops (ft) | Upper-Level Wind Shear: | Low |
| | Temp/Humidity: | 65°F / 75% | Cumulus | Scattered | 3,500 | 5,000 | Ascent Corridor Weather: | Low |
| | Liftoff Winds (200’): | 040° 7 - 12 mph | Cirrus | Scattered | 25,000 | 30,000 | Solar Activity: | Low |
| Note: The Probability of Violation (POV) is the chance that a Lightning Launch Commit Criteria (LLCC) or certain user constraints (surface winds, precipitation, and temperatures, etc.) will be violated during the launch window. It does not take into account upper-level wind shear, booster recovery weather, and solar activity. | | | | | | | | |
| Next Forecast Will Be Issued | | 29 Oct 2021 | | | | | | |